

Abstract of the Disclosure

5 A color gamut in a first color space is expanded to utilize a larger gamut in a second color space. The gamut in the first color space is first converted by black generation or geometric distortion to a gamut in a second color space. The gamut in the second color space is converted by forward mapping to a gamut in a third color. The gamut in the third color space is expanded by linear rescaling. Finally, the linearly rescaled gamut is mapped to a gamut in the second color space through inverse modeling to form a final color gamut. The final color gamut utilizes the gamut available in the second color space, which is larger than the gamut available in the first color space.

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